### Vegetation Unit Summaries for Macleay Park (MAC)

Report date: 3/27/2007 '\*' = non-native invasive species

Visit data as of: 3/27/2007

#### Unit rMAC\*113

Size: 0.52 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 80% % Non-Native Cover: 65

Slope: na Aspect: na

Visit date: 8/3/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

**Dominant Trees:** red alder (Alnus rubra). **Trees > 20% cover:** bigleaf maple (Acer macrophyllum).

**Dominant Shrubs:** Indian-plum (Oemleria cerasiformis), clematis (Clematis vitalba\*). **Shrubs > 20% cover:** English ivy (Hedera helix\*).

**Dominant Forbs:** herb-Robert (Geranium robertianum\*).

Additional Invasives: bittersweet nightshade (Solanum dulcamara\*), Himalayan blackberry (Rubus discolor\*), English laurel (Prunus laurocerasus\*), garlic mustard (Alliaria petiolata\*), horsechestnut (Aesculus hippocastanum\*), English holly (Ilex aquafolium\*), European hawthorn (Crataegus monogyna\*), morning glory (Convolvulus arvensis\*).

**Ecological Health:** Fair.

**Primary Management concerns:** moderate level of invasive species, Trampling, Stream Bank Erosion, Informal Trails.

#### Unit rMAC\*123

Size: 0.41 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 90% % Non-Native Cover: 55

Slope: na Aspect: na

Visit date: 8/3/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

### Healthy Parks, Healthy Portland

**Dominant Trees:** bigleaf maple (Acer macrophyllum > 50% cover). **Trees > 20% cover:** horsechestnut (Aesculus hippocastanum\*).

**Dominant Shrubs:** Indian-plum (Oemleria cerasiformis), English ivy (Hedera helix\*).

**Dominant Forbs:** creeping buttercup (Ranunculus repens).

Additional Invasives: Himalayan blackberry (Rubus discolor\*), reed canarygrass (Phalaris arundinacea\*), garlic mustard (Alliaria petiolata\*), English holly (Ilex aquafolium\*), herb-Robert (Geranium robertianum\*), European hawthorn (Crataegus monogyna\*), clematis (Clematis vitalba\*).

Ecological Health: Fair.

**Primary Management concerns:** heavy level of invasive species, Trampling, Domestic Animals, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*124

Size: 0.61 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 90% % Non-Native Cover: 55

Slope: na

**Aspect:** unknown

Visit date: 8/14/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

**Dominant Trees:** bigleaf maple (Acer macrophyllum > 50% cover). **Trees > 20% cover:** horsechestnut (Aesculus hippocastanum\*).

**Dominant Shrubs:** vine maple (Acer circinatum > 50% cover), English ivy (Hedera helix\*), Indian-plum (Oemleria cerasiformis).

**Dominant Forbs:** creeping buttercup (Ranunculus repens).

Additional Invasives: Himalayan blackberry (Rubus discolor\*), garlic mustard (Alliaria petiolata\*), clematis (Clematis vitalba\*), European hawthorn (Crataegus monogyna\*), herb-Robert (Geranium robertianum\*), English holly (Ilex aquafolium\*), reed canarygrass (Phalaris arundinacea\*).

 $\textbf{Ecological Health:} \ Good.$ 

**Primary Management concerns:** moderate level of invasive species, Trampling, Domestic Animals, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*126

Size: 0.56 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 90% % Non-Native Cover: 60

Slope: na



## Healthy Parks, Healthy Portland

Aspect: na

Visit date: 8/7/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

**Dominant Trees:** bigleaf maple (Acer macrophyllum). **Trees > 20% cover:** red alder (Alnus rubra).

**Dominant Shrubs:** salmonberry (Rubus spectabilis), Himalayan blackberry (Rubus discolor\*), vine maple (Acer circinatum).

Additional Invasives: bittersweet nightshade (Solanum dulcamara\*), garlic mustard (Alliaria petiolata\*), horsechestnut (Aesculus hippocastanum\*), English ivy (Hedera helix\*), herb-Robert (Geranium robertianum\*), European hawthorn (Crataegus monogyna\*), clematis (Clematis vitalba\*).

**Ecological Health:** Fair.

**Primary Management concerns:** heavy level of invasive species, Trampling, Soil Compaction, Domestic Animals, Litter, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*128

Size: 1.10 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 65% % Non-Native Cover: 50

Slope: na Aspect: na

Visit date: 8/7/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

Dominant Trees: red alder (Alnus rubra), bigleaf maple (Acer macrophyllum).
Dominant Shrubs: salmonberry (Rubus spectabilis). Shrubs > 20% cover: vine maple (Acer circinatum), Indian-plum (Oemleria cerasiformis), English ivy (Hedera helix\*).

Additional Invasives: English holly (Ilex aquafolium\*), bittersweet nightshade (Solanum dulcamara\*), reed canarygrass (Phalaris arundinacea\*), Himalayan blackberry (Rubus discolor\*), horsechestnut (Aesculus hippocastanum\*), herb-Robert (Geranium robertianum\*).

**Ecological Health:** Fair.

**Primary Management concerns:** moderate level of invasive species, Trampling, Soil Compaction, Domestic Animals, Litter, Stream Bank Erosion, Informal Trails.

Healthy Parks, Healthy Portland

Size: 0.47 Acres

**NVCS Subclass:** Mixed evergreen-deciduous forest

% Tree canopy: 65% % Non-Native Cover: 40

Slope: na

Aspect: unknown

Visit date: 8/14/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

**Dominant Trees:** Douglas fir (Pseudotsuga menziesii), red alder (Alnus rubra). **Trees > 20% cover:** bigleaf maple (Acer macrophyllum).

**Dominant Shrubs:** salmonberry (Rubus spectabilis). **Shrubs > 20% cover:** vine maple (Acer circinatum), English ivy (Hedera helix\*), Indian-plum (Oemleria cerasiformis).

**Additional Invasives:** horsechestnut (Aesculus hippocastanum\*), herb-Robert (Geranium robertianum\*), English holly (Ilex aquafolium\*), reed canarygrass (Phalaris arundinacea\*), Himalayan blackberry (Rubus discolor\*), bittersweet nightshade (Solanum dulcamara\*).

Ecological Health: Fair.

**Primary Management concerns:** moderate level of invasive species, Domestic Animals, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*146

Size: 0.52 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 75% % Non-Native Cover: 45

Slope: na Aspect: na

Visit date: 8/8/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

**Dominant Trees:** bigleaf maple (Acer macrophyllum). **Trees > 20% cover:** Douglas fir (Pseudotsuga menziesii).

**Dominant Shrubs:** English ivy (Hedera helix\*), vine maple (Acer circinatum), salmonberry (Rubus spectabilis > 50% cover). **Shrubs > 20% cover:** western wahoo (Euonymus occidentalis).

**Dominant Forbs:** fringecup (Tellima grandiflora).

**Additional Invasives:** herb-Robert (Geranium robertianum\*), clematis (Clematis vitalba\*), European mountain ash (Sorbus aucuparia\*), Himalayan blackberry (Rubus discolor\*), English holly (Ilex aquafolium\*).

Ecological Health: Fair.

### Healthy Parks, Healthy Portland

**Primary Management concerns:** moderate level of invasive species, Trampling, Soil Compaction, Domestic Animals, Litter, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*150

Size: 0.43 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 75% % Non-Native Cover: 45

Slope: na

Aspect: unknown

Visit date: 8/14/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

**Dominant Trees:** bigleaf maple (Acer macrophyllum). **Trees > 20% cover:** Douglas fir (Pseudotsuga menziesii).

**Dominant Shrubs:** vine maple (Acer circinatum), English ivy (Hedera helix\*), salmonberry (Rubus spectabilis > 50% cover). **Shrubs > 20% cover:** western wahoo (Euonymus occidentalis).

**Dominant Forbs:** fringecup (Tellima grandiflora).

Additional Invasives: horsechestnut (Aesculus hippocastanum\*), clematis (Clematis vitalba\*), herb-Robert (Geranium robertianum\*), English holly (Ilex aquafolium\*), Himalayan blackberry (Rubus discolor\*), European mountain ash (Sorbus aucuparia\*).

Ecological Health: Fair.

**Primary Management concerns:** moderate level of invasive species, Trampling, Domestic Animals, Litter, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*160

Size: 0.55 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 75% % Non-Native Cover: 40

Slope: na

**Aspect:** unknown

Visit date: 8/14/2006

**Wetland indicators:** Streams. (Surface water was present)

**Dominant Trees:** bigleaf maple (Acer macrophyllum). **Trees > 20% cover:** red alder (Alnus rubra), Douglas fir (Pseudotsuga menziesii).

### Healthy Parks, Healthy Portland

**Dominant Shrubs:** vine maple (Acer circinatum), English ivy (Hedera helix\*), salmonberry (Rubus spectabilis > 50% cover). **Shrubs > 20% cover:** western wahoo (Euonymus occidentalis).

Dominant Forbs: fringecup (Tellima grandiflora).

Additional Invasives: clematis (Clematis vitalba\*), herb-Robert (Geranium robertianum\*), English holly (Ilex aquafolium\*), Himalayan blackberry (Rubus discolor\*), European mountain ash (Sorbus aucuparia\*).

Ecological Health: Fair.

**Primary Management concerns:** moderate level of invasive species, Domestic Animals, Litter, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*164

Size: 0.23 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 95% % Non-Native Cover: 45

Slope: na

Aspect: unknown

Visit date: 8/14/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

**Dominant Trees:** red alder (Alnus rubra). **Trees > 20% cover:** bigleaf maple (Acer macrophyllum).

**Dominant Shrubs:** salmonberry (Rubus spectabilis), vine maple (Acer circinatum).

**Dominant Forbs:** sword fern (Polystichum munitum).

**Additional Invasives:** garlic mustard (Alliaria petiolata\*), English ivy (Hedera helix\*), English holly (Ilex aquafolium\*), herb-Robert (Geranium robertianum\*).

**Ecological Health:** Fair.

**Primary Management concerns:** moderate level of invasive species, Trampling, Domestic Animals, Litter, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*168

Size: 0.25 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 95% % Non-Native Cover: 40

Slope: na

**Aspect:** unknown

Visit date: 8/14/2006

Healthy Parks, Healthy Portland

Wetland indicators: Streams.

**Dominant Trees:** red alder (Alnus rubra). **Trees > 20% cover:** bigleaf maple (Acer macrophyllum).

**Dominant Shrubs:** vine maple (Acer circinatum), salmonberry (Rubus spectabilis).

**Dominant Forbs:** sword fern (Polystichum munitum).

**Additional Invasives:** garlic mustard (Alliaria petiolata\*), herb-Robert (Geranium robertianum\*), English ivy (Hedera helix\*), English holly (Ilex aquafolium\*).

**Ecological Health:** Fair.

**Primary Management concerns:** moderate level of invasive species, Trampling, Soil Compaction, Domestic Animals, Litter, Stream Bank Erosion, Informal Trails.

### Unit rMAC\*172

Size: 0.28 Acres

**NVCS Subclass:** Deciduous forest

% Tree canopy: 75% % Non-Native Cover: 45

Slope: na

Aspect: unknown

Visit date: 8/14/2006

**Wetland indicators:** Streams, Hydrophilic Vegetation. (Surface water was present)

Dominant Trees: bigleaf maple (Acer macrophyllum), red alder (Alnus rubra).

**Dominant Shrubs:** vine maple (Acer circinatum), salmonberry (Rubus spectabilis).

**Dominant Forbs:** sword fern (Polystichum munitum).

**Additional Invasives:** garlic mustard (Alliaria petiolata\*), herb-Robert (Geranium robertianum\*), English ivy (Hedera helix\*), English holly (Ilex aquafolium\*).

Ecological Health: Fair.

**Primary Management concerns:** moderate level of invasive species, Trampling, Soil Compaction, Domestic Animals, Litter, Stream Bank Erosion, Informal Trails.